

(12) United States Patent

Sirpal et al.

(54) FOCUS CHANGE UPON USE OF GESTURE TO MOVE IMAGE

(75) Inventors: Sanjiv Sirpal, Oakville (CA); Paul Edward Reeves, Oakville (CA);

Alexander de Paz, Burlington (CA)

Assignee: **Z124**, George Town (KY)

Subject to any disclaimer, the term of this Notice: patent is extended or adjusted under 35

U.S.C. 154(b) by 88 days.

(21) Appl. No.: 13/248,665

(22)Filed: Sep. 29, 2011

(65)**Prior Publication Data**

> US 2012/0084739 A1 Apr. 5, 2012

Related U.S. Application Data

- Provisional application No. 61/539,884, filed on Sep. 27, 2011, provisional application No. 61/458,150, filed on Nov. 17, 2010, provisional application No. 61/389,000, filed on Oct. 1, 2010, provisional application No. 61/389,117, filed on Oct. 1, 2010, provisional application No. 61/389,087, filed on Oct. 1, 2010.
- (51) Int. Cl. G06F 3/00 (2006.01)(2006.01) G06F 1/16 G06F 3/0481 (2013.01)G06F 3/0483 (2013.01)G06F 3/0488 (2013.01)G06F 3/01 (2006.01)G06F 3/0484 (2013.01)G06F 3/14 (2006.01)
- (52) U.S. Cl. CPC G06F 1/1616 (2013.01); G06F 1/1641 (2013.01); G06F 3/0481 (2013.01); G06F 3/0483 (2013.01); G06F 3/04883 (2013.01);

(45) Date of Patent: Jun. 23, 2015

G06F 3/1423 (2013.01); G06F 3/0488 (2013.01); G06F 3/04886 (2013.01); G06F 2200/1614 (2013.01); **G06F 1/1677** (2013.01); **G06F 3/017** (2013.01); **G06F 3/0484** (2013.01)

US 9,063,694 B2

(58) Field of Classification Search

(10) **Patent No.:**

None

See application file for complete search history.

(56)**References Cited**

U.S. PATENT DOCUMENTS

5,227,771	A	7/1993	Kerr et al.			
5,467,102	A	11/1995	Kuno et al.			
5,847,698	A	12/1998	Reavey et al.			
7,289,084	B2	10/2007	Lesniak			
RE40,821	E	7/2009	Narayanaswamy et al.			
8,046,701	B2 *	10/2011	Chiu et al 715/76	1		
2003/0146897	A1	8/2003	Hunter			
2003/0229731	A1	12/2003	Keller			
2005/0052341	A1	3/2005	Henriksson			
2007/0198948	A1*	8/2007	Toriyama 715/79	0		
(Continued)						

FOREIGN PATENT DOCUMENTS

JP	H08-234953	9/1996
JP	2011-070525	4/2011

OTHER PUBLICATIONS

U.S. Appl. No. 13/187,026, filed Jul. 20, 2011, Chen. (Continued)

Primary Examiner — Keith Bloomquist (74) Attorney, Agent, or Firm — Sheridan Ross P.C.

(57)ABSTRACT

Embodiments are described for handling focus when a gesture is input in a multi-screen device. In embodiments, the gesture indicates a request to move an image displayed on the multi-screen device. In response, the image is moved and the focus is placed on the moved image.

20 Claims, 21 Drawing Sheets

